

Table of key milestones and costs for launch approval processes in FY15 dollars. Costs for nonstandard launch services are not included.

Mission Attributes				
RHUs?	Sample Return?	A2 Mission Multiple [§]	Cost	Key Milestones
No	No	Less than 10	\$100K	Final NEPA Document: by PDR
No	No	Between 10 and 500	\$800K	Final NEPA Document: by PDR OSMA Nuclear Safety Review Document: 5 months before launch
No	No	Between 500 and 1000	\$9M	NEPA Notice of Intent: 19 months before CDR Representative Databook: 26 months before CDR Final NEPA Document: 1 month before CDR Safety Analysis Summary to OSMA: 5 months before launch Final Risk Communication Plan: 1 month before PDR
No	Unrestricted	Less than 10	\$500K	Final NEPA Document: by PDR
No	Unrestricted	Between 10 and 500	\$800K	Final NEPA Document: by PDR OSMA Nuclear Safety Review Document: 5 months before launch
No	Unrestricted	Between 500 and 1000	\$9M	NEPA Notice of Intent: 19 months before CDR Representative Databook: 26 months before CDR Final NEPA Document: 1 month before CDR Safety Analysis Summary to OSMA: 5 months before launch Final Risk Communication Plan: 1 month before PDR
No	Restricted	Any	\$7M*	NEPA Notice of Intent: 19 months before CDR Final NEPA Document: 1 month before CDR Final Risk Communication Plan: 1 month before PDR
Yes	No	Any	\$25M [†]	NEPA Notice of Intent: 19 months before CDR Representative Databook: 26 months before CDR Final NEPA Document: 1 month before CDR SAR Launch Vehicle Databook: 3 years before launch OSTP Request for Launch Approval: 6 months before launch Final Risk Communication Plan: 1 month before PDR
Yes	Unrestricted	Any	\$28M [†]	NEPA Notice of Intent: 19 months before CDR Representative Databook: 26 months before CDR Final NEPA Document: 1 month before CDR SAR Launch Vehicle Databook: 3 years before launch OSTP Request for Launch Approval: 6 months before launch Final Risk Communication Plan: 1 month before PDR
Yes	Restricted	Any	\$35M* [†]	NEPA Notice of Intent: 19 months before CDR Representative Databook: 26 months before CDR Final NEPA Document: 1 month before CDR SAR Launch Vehicle Databook: 3 years before launch OSTP Request for Launch Approval: 6 months before launch Final Risk Communication Plan: 1 month before PDR

[§]For a definition of the A2 mission multiple, see NPR 8715.3C, Appendix D.

*This does not include environmental documentation that may be required to cover any use/modification/development of a sample receiving facility.

[†] Use of RHUs will also incur a cost of \$11M for nonstandard launch services.